

LAKHNO, A., kinomekhanik (selo Mokhnach, Poltavskaya oblast').

Maintenance of portable moving-picture screens. Kinomekhanik no. 4:42 Ap
'53. (MLBA 6:6)

(Moving-picture projectors)

LAKHNO, M.M.

Modernized standard KPSH0-3 conveyor. Lsh.prom. no.3144-45 J1-
S '63. (MIRA 16:11)

1. Luganskaya obuvnaya fabrika.

LAKHNO, R. P., Cand Tech Sci -- (diss) "Study of the effect of ^{the} ~~single~~
trip loads upon the ^{performance rate} ~~regime of work~~ of the lumber transporting truck."
Mos, 1958. 19 pp with graphs (~~Min~~ Min of Higher Education USSR, Mos
Forest ^{ry} Engineering Inst), 120 copies (KL, 16-58, 120)

-63-

LAKHNO, R.
LAKHNO, R., inzh.

Initial data for tractive and operational design of automobiles.
(MIRA 10:12)
Avt.transp. 35 no.2:32-34 F '57.
(Automobiles--Design and construction)

LAKHNO, R., kand. tekhn. nauk; TSVETKOV, A., inzh.

Improved grain transportation from combines to threshing
floors. Avt. transp. 41 no.8:16-17 Ag '63. (MIRA 16:11)

1. Institut kompleksnykh transportnykh problem pri Goseko-
nomsovete SSSR.

VELIKANOV, D., doktor tekhn.nauk; LAKHNO, R., kand.tekhn.nauk;
BERNATSKIY, V., kand.tekhn.nauk

Requirements for the design of motor vehicles used in the
northern area of the U.S.S.R. Avt. transp. 42 no. 5:38-42
My '64. (MIRA 17:5)

1. Institut kompleksnykh transportnykh problem Gosplana SSSR.

LAKHNO, R.P.; AKHMEDOV, A.I.; SOROKIN, B.D.

Specialized automotive transportation for petroleum products.
Neft. khoz. 42 no.6:67-70 Je '64. (MIRA 17:8)

DARAGAN, Leonid Dmitriyevich; LAKHNO, Rostislav Pavlovich; KISHINSKIY, M.I.,
kand. tekhn. nauk, red.; TIKHONOVA, N.V., red. izd-va; KORNYYUSHINA,
A.S., tekhn. red.

[Handbook for the lumber truck road expert] Spravochnik mastera
lesovoznoi avtomobil'noi dorogi. Pod red. M.I. Kishinskogo. Mo-
skva, Goslesbumizdat, 1961. 153 p. (MIRA 14:5)
(Forest roads)

LAKHNO, Vissarion Pavlovich; LAKHNO, Rostislav Pavlovich; SEROV, A.V.,
red.; POPOVA, A.G., red. ~~izd-va~~; PARAKHINA, N.L., tekhn.red.

[Log truck trains] Avtomobil'nye lesovoznye poezda. Moskva,
Goslesbumizdat, 1961. 175 p. (MIRA 15:3)
(Lumber—Transportation)

LAKHNO, R.P., kand.tekhn.nauk; AKHMEDOV, A.I., inzh.

Using electric traction for automobiles in the city. Gor.khoz.
Mosk. 36 no.4:17-20 Ap '62. (MIRA 15:8)
(Automobile, Electric)

SEROV, Aleksandr Vladimirovich; LAKHNO, R.P., red.

[Organization and mechanization of the maintenance and re-
pair of a truck and tractor pool in the lumbering industry]
Organizatsiia i mekhanizatsiia tekhnicheskogo obsluzhivaniia
avtotraktornogo parka v lesnoi promyshlennosti. Moskva,
Goslesbumizdat, 1963. 349 p. (MIRA 17:4)

LAKHNO, R.P., kand. tekhn. nauk

Unified relative speed external and partial characteristics of
carburetor four-stroke engines. Avt.prom. 29 no.3:7-10 Mr '63.
(MIRA 16:3)

1. Institut kompleksnykh transportnykh problem.
(Motor vehicles—Engines)

LAKHNO, R., kand. tekhn. nauk; YANKIN, Yu., inzh.

~~Abroad. Avt. transp. 42 no.8:59-61 Ag '64.~~

(MERA 17:10)

SOROCHAN, Yu.P., inzh.; MARTSYLOVSKIY, L.Ya., inzh.; LAKHNO, R.P.,
kand. tekhn. nauk, reitsenent

[Tractor trains] Avtomobil'nye poezda. Moskva, Mashino-
stroenie, 1965. 317 p. (MIRA 18:3)

KUVALDIN, Boris Ivanovich; SHCHELKUNOV, Valentin Vasil'yevich;
dots., re'senzent; KORCHUNOV, N.G., prof., re'senzent;
LAKHNC, R.P., kand. tekhn. nauk, otv. red.

[Rolling stock of logging roads] Podvizhnoi sostav lesco-
voznykh dorog. Moskva, Lennaya promyshlennost', 1964.
312 p. (MIRA 18:3)

LAKHNO, V. A.

AUTHOR: Lakhno, V.A.

130-10-5/18

TITLE: Production of Transformer Steel (Vyplavka transformatornoy stali)

PERIODICAL: Metallurg, 1957, No.10, pp. 11 - 12 (USSR)

ABSTRACT: The author describes measures which have been introduced in No.2 melting shop to improve the quality of transformer steel and accelerate the process since the production of this material was started in 1955. A major improvement followed the introduction of vacuum treatment, which enabled melting to be effected at a higher temperature, 10 - 12 minutes sufficing for the removal of gases. He outlines the procedures for fettling and charging, melt-down, boil and refining. All materials are well-heated before charging to avoid saturating the metal with hydrogen and vacuum-treatment is carried out either in a ladle or during pouring. There is 1 photograph (of the author).

ASSOCIATION: "Dneprospetsstal'" Works (Zavod "Dneprospetsstal'")

AVAILABLE: Library of Congress
Card 1/1

LEN'KOV, V.I., doktor veter. nauk; LAKHNO, V.P., aspirant

Survival of the toxin of Clostridium perfringens in faces and
intestinal contents of sheep. Veterinariia 42 no.12:16-17 D '65.
(MIRA 19:1)

1. Yuzhno-Kazakhstanskaya nauchno-issledovatel'skaya veterinarnaya
stantsiya.

LAKHNO, Vissarion Pavlovich; LAKHNO, Rostislav Pavlovich; SEROV, A.V.,
red.; POPOVA, A.G., red. izd-va; PARAKHINA, N.L., tekhn.red.

[Log truck trains] Avtomobil'nye lesovoznye poezda. Moskva,
Goslesbumizdat, 1961. 175 p. (MIRA 15:3)
(Lumber—Transportation)

LAKHNO, Ye.G.; PASHCHENKO, N.P.

Effect of various fixed establishments on sanitary conditions
in housing. Gig. i san. 25 no. 5:25-29 My '60. (MIRA 13:10)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy
gigiyeny.

(HYGIENE)

LAKHNO, Ye. S .

Lakhno, Ye. S. - "A hygienic evaluation of the research and model construction of dwelling houses for khokhox workers", Vracheb. delo, 1949, No. 5, paragraphs 447-50.

SO: U-4630, 16 Sept. 53, (Ietopis 'Zhurnal 'nykh Statey, No. 23, 1949).

LAKHNO, Ye.S.; KMIT, G.I.

Sanitary requirements for the location of farm buildings on
Ukrainian collective farms. Gig.i san. no.3:23-28 Mr '54.
(MLRA 7:2)

1. Iz Ukraineskogo instituta kommunal'noy gigiyeny.
(Ukraine--Farm buildings) (Farm buildings--Ukraine)

MARZHEYEV, A.N., professor [deceased]; LAKHNO, Ye.S.

Machine-tractor stations; their planning, building, and arrangement.
Gig. i san. 21 no.4:7-11 Ap '56. (MIRA 9:7)

1. Iz Ukraineskogo instituta immunal'noy gigiyeny. 2. Deystvitel'nyy
chlen AMN SSSR (for Marzeyev)
(AGRICULTURE,
tractor stations, hyg. aspects of organiz. in Russia (Rus))

IAKHNO, Ye. S. kand. med. nauk.

Conference in memory of A.M. Marzev. Gig. i san. 23 no.12:82-83 D '58.
(MARZEV, ALEKSANDR NIKITICH, 1883) (MIRA 12:1)

LAKHNO, Ye.S., kand.med.nauk; PAL'GOV, V.I., vrach; YABLONSKAYA, Z.V.,
arkhitektor

Health and architectural planning aspects of village construction
in the Ukraine. Gig. i san. 24 no.1:55-58 Ja '59.

(MIRA 12:2)

1. Iz Ukrainskogo instituta kommunal'noy gigiyeni i Instituta grado-
stroitel'stva Akademii stroitel'stva i arkhitektury USSR.

(HOUSING,

rural constructions in Russia (Rus))

(RURAL CONDITIONS,

same)

SVERCHKOV, A.N.; LAKHNO, Ye.S. (Kiyev)

Ionization of the air in work rooms. Vrach. delo no.8:88-92 Ag '60.
(MIRA 13:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy gigiyeny.
(AIR, IONIZED) (INDUSTRIAL HYGIENE)

LAKHNO, Ye.S.

Immediate problems in improving sanitary conditions in villages of
the Ukraine. Gig. i san. no. 10:67-71 0 '60. (MIRA 13:12)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy
gigiyeny.

(UKRAINE—SANITATION)

LAKHNO, Ya.S., kand.med.nauk; NICHKEVICH, O.N., kand.geograficheskikh nauk;
SVERCHKOV, A.N., inzh.

Air ionization in Kiev and its environment. Gig. i san. 25 no.3:
99-100 M. '60. (MIRA 14:5)

1. Iz Ukrainского nauchno-issledovatel'skogo instituta kommunal'noy
gigiyeny.

(KIEV—AIR, IONIZED)

LAKHNO, Ye.S., kand.med.nauk; SVERCHKOV, A.N.; DUMANSKIY, Yu;D.

Dependence of the ionization of the air on the concentration of
turpentine vapors. Vrach delo no.12:124-126 D '61. (Minsk 15:1)

1. Ukrainskiy institut kommunal'noy gigiyeny.
(AIR, IONIZED)

KALYUZHNYI, D.N., prof.; IZDEBSKIY, A.M., kand.med.nauk; YANYSHEVA, N.Ya.,
kand.med.nauk; PAL'GOV, V.I., kand.med.nauk; LAKHNO, Ye.S., kand.
med.nauk

"Handbook on municipal hygiene, Vol.1." Reviewed by D.N.Kaliuzhnyi
and others. Gig. i san. 27 no.3:102-104 Mr '62. (MIRA 15:4)

1. Chlen-korrespondent AMN SSSR (for Kalyuzhnyi).
(PUBLIC HEALTH)

LAKHNO, Ye.S.

First All-Union Conference on Rural Hygiene. Gig.1 san. 26
no.12:93-95 D '61. (MIRA 15:9)
(PUBLIC HEALTH, RURAL—CONGRESSES)

SVERCHKOV, A.N.; LAKHNO, Ye.S.

Ionization of the air in the forests of the Kiev suburban
resort zone. Vop.kur., fizioter. i lech. fiz. kul't. 28
no.2:126-130 Mr-Ap'63. (MIRA 16:9)
(KIEV—HEALTH RESORTS, WATERING PLACES, ETC.)
(KIEV—AIR, IONIZED) (FOREST INFLUENCES)

KALYUZHENYY, D.N., prof., otv. red.; ALEKSEYENKO, I.P., red.;
LAKHNO, Ye.S., red.; MEDVED', L.I., red.; STOVBUN, A.T.,
red.; SUPONITSKIY, M.Ya., red.; NARINSKAYA, A.L., tekhn.
red.

[Problems of rural hygiene] Voprosy gigieny sela; sbornik
dokladov. Pod red. D.N.Kaluzhnogo. Kiev, Gosmedizdat
USSR, 1962. 241 p. (MIRA 16:12)

1. Vsesoyuznaya konferentsiya po probleme "Gigiyena sela."
1st. 2. Chlen-korrespondent AMN SSSR i Ukrainskiy nauchno-
issledovatel'skiy institut kommunal'noy gigieny (for
Kalyuzhnyy). 3. 3. Ukrainskiy nauchno-issledovatel'skiy in-
stitut ortopedii i travmatologii (for Alekseyenko).
(PUBLIC HEALTH, RURAL)

STAROVOYTOVA, T.V.; ~~LAKHNO, Ye.S.~~ [Lakhno, Ye.S.]

Methods of studying the antimicrobial activity of woody plants.
Mikrobiol. zhur. 27 no.4:71-74 '65. (JMB 12:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut korrumpatsionoy
gigiyeny Ministerstva zdoroookhraneniya UkrSSR.

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<p>1. CREATINE AND TOTAL NITROGEN IN THE BRAIN OF MARINE FISH. I. Creatine and total nitrogen in the brain of selachians. Yu. V. Lakhno. <i>Biochem. J. (Ukraine)</i> 11, 5-11 (in Russian 11-12; in English 12) (1968). — The av. creatine content of the brain is somewhat lower in selachians than in bony fresh-water fish (0.15% and 0.18%, resp.). The contents of total brain nitrogen of selachians, of bony fresh-water fish and of marine bony fish are 2.30, 1.50 and 1.00%, resp. The creatine N comprises 2.21% of the total brain N of selachians, against 2.00 and 3.58% in mammals and birds, resp. II. Nitrogen compounds in the brain of selachians and of bony fish. Yu. V. Lakhno and P. B. Skvinskaya. <i>Ibid.</i> 13-18, 20-24 (in Russian 18-19; in English 20) (1968). Of the total N in the brain of rays and sharks more than 4% is creatine N; more than 80% of this is urea N. Of the creatine and total N the greatest quantities are obtained in the cerebellum; the next greatest in the cerebrum, and the least in the anterior brain. In bony marine fish the highest creatine content of the brain was found in <i>Scompius porcus</i> L.; then come in order <i>Trachinus uranoscopus storer</i> L., <i>Squalus acanthias</i> L., <i>Cerodilichthys ocellatus</i> Günther and Gebrüder. E. E. Stefanowsky</p>																																																																																																																													
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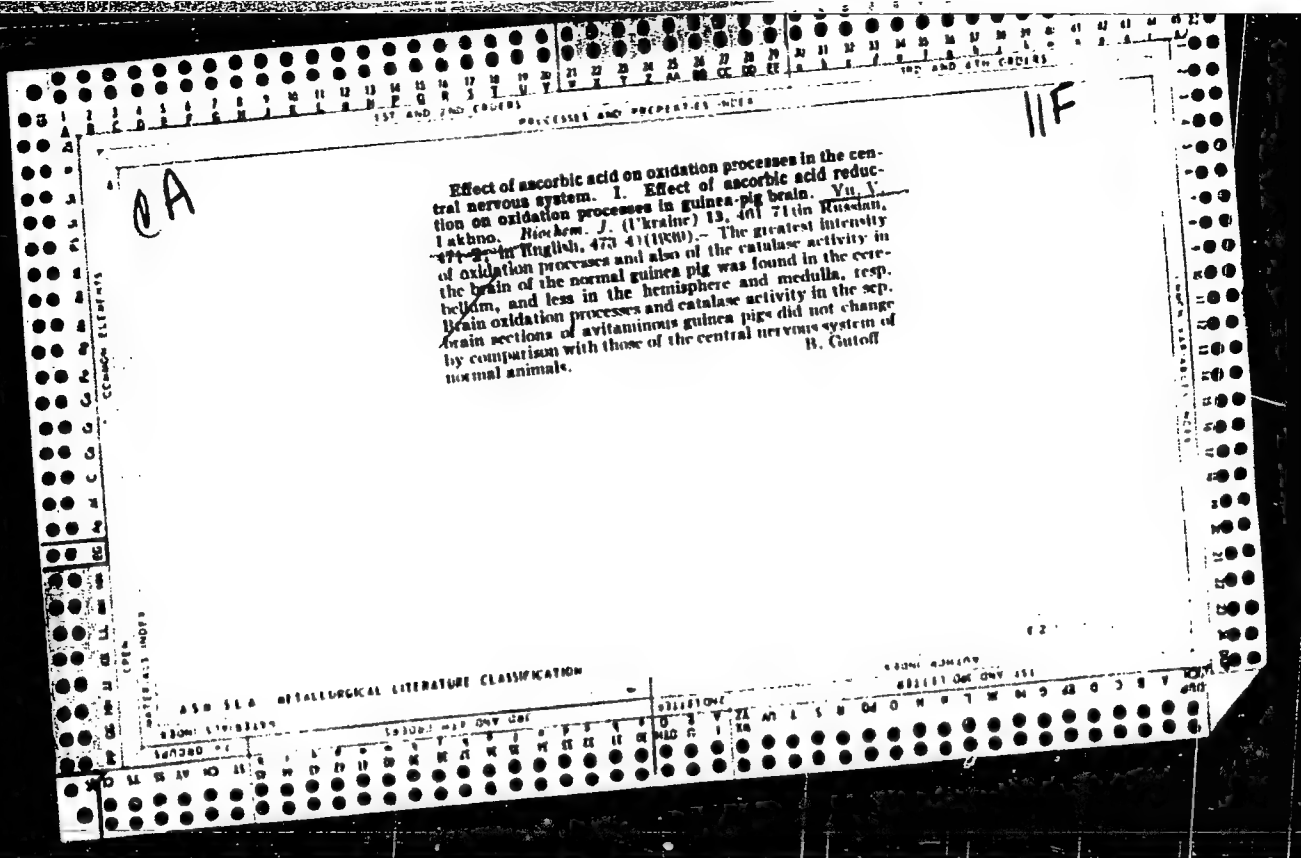
11F

Co

The effect of strenuous work on the creatinephosphoric acid content in bird muscles. Yu. V. Lakshin. *Biochem. J. (Ukraine)* 11, 129-30 (in Russian 139-40; in English 140) (1938).—The decompn. of creatinephosphoric acid during strenuous work in pigeon muscles proceeds in the same manner as in mammals and amphibia. It does not, however, go to the same extent as in these forms. The slight hydrolysis of creatinephosphoric acid should be explained by the favorable conditions of its resynthesis in pigeon muscles owing to more intensive aeration. The amount of creatine remains almost unchanged.

E. E. Stefanowsky

1ST AND 2ND COLUMNS																										3RD AND 4TH COLUMNS																										5TH AND 6TH COLUMNS																									
COMMON ELEMENTS																										COMMON VARIANTS																										COMMON VARIANTS																									
<p>Arginine in individual brain areas of various animals. Yu. V. Likhov, <i>Biochem. J.</i> (Ukraine) 12, 19-28 (in Russian, 28-9; in English, 29-30) (1938).--The arginine content of the brain of rabbits, cats and pigeons is distributed as follows: highest in the cerebellum, lowest in the spinal cord, with the cerebral hemispheres exhibiting intermediate values. The whole brain of carp and frog shows a higher concn. of arginine than does the cerebellum of mammals and birds. Conclusion: There is a tendency toward a decrease of brain arginine with the ascent in the phylogenetic scale.</p>																										<p>R. Levine</p>																										<p>116</p>																									
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11E

CA

Effect of ascorbic acid on the oxidation-reduction processes in the central nervous system. II. Intensity of oxidation-reduction processes in guinea-pig brain on saturating the organism with ascorbic acid. Yu. V. Lakhno. *Biochem. J. (Ukraine)* 15, No. 1, 115-23 (in Russian, 123; in English, 124) (1940); cf. C. A. 34, 4125. -- (In satg. the organism of guinea pigs with vitamin C, there is an increase of ascorbic acid in the brain by 112%, and the intensity of oxidation-reduction processes is increased by 30-35%. The catalase activity also decreases. B. Gutoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

DROKOVA, I.G.; LAKHNO, Yu.V.; FIDMAN, R.S.; CHAGOVETS', R.V.

Vitamin B and tocopherol content of embryos, bran, and oil of some wheat varieties of the Ukrainian S.S.R. Ukr.biokhim.zhur. 23 no.4: 371-375 '51. (MIRA 9:9)

1. Institut biokhimii Akademii nauk URSS, Kiy.
(UKRAINE--WHEAT--VARIETIES) (VITAMINS--B) (TOCOPHEROL)

Vitamins of some varieties of wheat and rye. A. G. Drozdova, E. V. Lakhno, and R. S. Pichman. *Vitaminy, Akad. Nauk S.S.R.* 1: 125-9 (1953); *Referat. Zhur. Khim.* 1954; No. 10773. — In 5 varieties of wheat thiamine was found in the whole grain in the amt. of 1-4.6, bran 2.0-6.4, and in the germ 32.5-61.25 γ /g. Nicotinic acid was found in the bran in the amt. 150-200 and in the germ 28-34 γ /g. The sum of tocopherols in the germ oil of wheat was an av. 0.28 and in the germ oil of rye 0.21%. M. Hosen

LAKHNO, E. V.

USSR.

✓ Exchange of vitamins in muscles during different functional states. L. M. Kuznetsova, E. V. Lakhno, and R. V. Chagovets. *Vitaminizatsiya i fiziologiya cheloveka* (Ukr. S.S.R., Kiev, 1, 174-84 (1953); *Referat Zhur., Khim.* 1954; No. 20106.—The fatigued state of the white femur muscle of rabbit was studied. The rate of decoloration of methylene blue by the muscle preps. when added to the substrate was used as an index of the activity of dehydrogenases. After work the total reducing ability (I) of the muscle decreases, partly owing to a decrease of the activity of lactic acid dehydrogenase (II) and of malic acid dehydrogenase (III); the av. decrease is about 30% of the original value of I. After an hrs. rest I and II are fully restored but not the activity of III. In the exercised muscle I increases about 20-42%, and II and III about 50% and more. The amts. of riboflavin and thiamine increased to 127 and 124% (relative) in the fatigued state, 114 and 124% during the rest, and to 125-150 and 123-147%, resp., after the exercise. In the fatigued state the amt. of thiamine pyrophosphate in the muscle decreased; after 30 min. of the muscle rest it usually increased. E. Wierbicki.

✓ Activity of the dehydrogenases of muscular tissue in various functional states of the organism. E. V. Lakhno and R. V. Chagovets (Inst. Biochem. Acad. Sci. Ukr. U.S.S.R., Kiev). *Ukrain. Biokhim. Zhur.* 25, 296-307 (in Russian, 308-6) (1953).—The activity of the dehydrogenases was expressed in γ of anaerobic decompn. of methylene blue/100 mg. of tissue/min. Exptl. work was effected by excitation of the rectus femoris of rabbit through the skin by a 60-cycle current for 5 min. to 5 hrs. The av. decrease in the activity of the dehydrogenases after 1-hr. work was: of glutamic acid (I) 56.1%, β -hydroxybutyric acid (II) 43, lactic acid (III) 29.6, and malic acid (IV) 33.4%; after 1-2-hr. rest, I 39 and II 20%; after 30-min. rest, III 22 and IV 20.9%. The activity was not completely restored even when a 17-hr. rest followed 10 min. of work. Excitation of the muscle of a narcotized animal resulted in a considerably lower decrease in dehydrogenase activity, but the muscle excitability was also much lower in narcotics. The excitation was accomplished by pain, setting up a defense reaction; possibly narcotics may normalize the subcortical regulation of the metabolism of the irritated muscle, resulting in greater conservation of work ability and consequent lesser destruction of the process of resynthesis. Exptl. training increased the activity of the dehydrogenases. B. Gutoff

LAKHNO, E. V.

Aeromed

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C. A. V-48
Jan 10, 1954
Physiology

Reducing properties of muscle tissues and cerebral hemispheres under various functional conditions of the organism. E. V. Lakhno and R. V. Chagovets. *Doklady Akad. Nauk S.S.S.R.* 91, 133-6 (1953).—Tissues of rabbits were examined as to their reducing properties (with methylene blue as the reagent). A single stimulation of muscle through the skin over 1 hr. led to considerable decline of the reducing properties of the tissue and reduced activity of dehydrogenases of glutamic, hydroxybutyric, lactic, and malic acids. Exptl. training of the muscle leads to some increase of the reducing properties and enzymic activity. The study of the gray and white matter of front and mid-parts of the brain was made similarly. After 1-hr. stimulation (induction current) the reducing properties of the gray matter and the white matter lying directly below the former were reduced by 20-40%; after a 2-hr. rest the decline was somewhat normalised and was noted even after 17 hrs. rest. Exptl. training over 2 weeks led to a 56% increase in the reducing properties of the gray matter. Narcosis by barbiturates lowers the dehydrogenating properties of both gray and white matter (30-40% and 20-25%, resp.). Elec. stimulation of narcotized animals led to a higher reducing ability of the hemisphere that was being stimulated (difference of some 30%), indicating that under narcosis the effect of stimulation or irritation is more localized. Infiltration block of the spinal area of a rabbit with procaine, while the animal was under narcosis, followed by elec. stimulation of the hind leg muscle for 1 hr., led to no detectable difference in the reducing properties of the 2 hemispheres. G. M. K.

LAKHNO, E. V.

① V. Influence of isonicotinoil hydrazide on the oxidation-reduction properties, ascorbic acid, and glutathione in tissues of guinea pigs. E. V. Lakhno and R. V. Chagovets. *Dokl. Akad. Nauk Ukr. R.S.S.R.* 1954, 190-1 (Russian summary, 192). — Assuming that isonicotinoil hydrazide (I) influences oxidation-reduction processes in the organism, the following changes in the tissues of healthy guinea pigs were obtained from 50 mg./kg. of I for 7-8 days: reducing power (in % of methylene blue 20 g.) of liver was increased from 197.0 ± 18.8 to 263.2 ± 44.3 ; there were no changes in brain, lung, and muscle. The ascorbic acid in (II) adrenal glands was decreased: free II was up to 40% of normal (85.7 mg. %) and bound II up to 60% of normal (27.6 mg. %). In liver, kidney, and spleen bound II was especially decreased. In brain hemispheres II was decreased noticeably. The analysis of blood, brain, and kidney showed a general decrease of glutathione (III) in the organism. In the liver oxidized III increased at the expense of reduced III with a nearly unchanged total III. A. Sementsov

LAKHNO E.V.

Changes in the activities of some dehydrases of the brain and muscles in evipan narcotics. R. V. Chagovits, R. V. Lakhno, and L. M. Kuznetsova (Inst. Biochem. Acad. Sci. USSR, Kiev). *Ukrain. Biokhim. Zhur.* 27, 408-12 (1955) (Russian summary). -- In rabbits under evipan narcosis for one hr. there occurs a diminution in the reducing substances of the gray matter of the cerebrum and in the skeletal muscles while the lactic and glutamic dehydrases become activated under certain conditions. In the muscles of the thigh there is a similar diminution in the reducing substances and an activation of the dehydrases of glutamic, lactic, and citric acids. Muscle pulp of rabbits kept under evipan narcosis for 1 hr. loses its ability to utilize added glycogen.

B. S. Levint

(2)

LAKHNO, Ye. V.

PALLADIN, A.V., akademik, otvetstvennyy redaktor; VENDT, V.P., redaktor;
LAKHNO, Ye. V., redaktor, CHAGOVETS, R.V., redaktor; SHIKAN, V.L.,
redaktor izdatel'stva; RAKHLINA, N.P., tekhnicheskii redaktor

[Vitamins] Vitaminy. Kiev. Vol. 2. [Recovery and refining of vitamins.
Physiology and biochemistry of vitamins] Poluchenie i ochistka
vitaminov. Fiziologiya i biokhimiya vitaminov. 1956. 202 p.
(MLRA 10:5)

1. Akademiya nauk URSS, Kiev. Institut biokhimi. (VITAMINS)

LAKHNO, Ye. V.

KUZNETSOVA, L.N.; LAKHNO, Ye.V.; OSTROUKHOVA, V.A.; RYBINA, A.A.;
CHAGOVETS, R.V.

Effect of reducing the temperature of the organism on the metabolism
of pyridine and thiamine compounds. Vitaminy no.2:86-97 '56.
(MLRA 10:8)

1. Institut biokhimii Akademii nauk USSR, Kiyev
(COLD--PHYSIOLOGICAL EFFECT) (PYRIDINE) (THIAMINE)

LAKHNO, Ye. V.

LAKHNO, Ye.V.; RYBINA, A.A.; CHAGOVETS, R.V.; EPSHTEYN, I.B.

Metabolism of pyridine nucleotides, riboflovin, and thiamine in
evipan-sodium anesthesia. Vitaminy no.2:98-106 '56. (MLRA 10:8)

1. Institut biokhimii Akademii nauk USSR, Kiyev
(ANESTHESIA) (NUCLEOTIDES) (RIBOFLAVIN) (THIAMINE)

LAKHNO, Ye, V.

"Outline of the biochemistry of sports." N.N.Iakovlev. Reviewed by
E.V.Lakhno. Ukr.biokhim.zhur. 28 no.3:369-371 '56. (MIRA 9:10)
(PHYSICAL EDUCATION AND TRAINING)
(PHYSIOLOGICAL CHEMISTRY)
(IAKOVLEV, N.N.)

LAKHNO, YE. V.

"Effects of Aminazine on the Dehydrogenase Activity of the Cerebral Cortex, Cerebellum, and Muscles," by R. V. Chagovets and Ye. V. Lakhno, Institute of Biochemistry, Academy of Sciences Ukrainian SSR, Kiev, Voprosy Meditsinskoy Khimii, Vol 3, No 1, Jan/Feb 57, pp 36-39

This article reports results of experiments which were conducted to determine the effect of aminazine on the reducing properties of dehydrogenase activity of the cerebral cortex, cerebellum, and muscles of rabbits. The animals were administered aminazine subcutaneously in doses of 15 to 25 milligrams per kilogram of body weight, and were decapitated 3.5 hours later. The experiments established that aminazine caused a decrease in the reducing properties of the tissues, particularly marked in the cerebral cortex, less pronounced in the cerebellum, and still less in the skeletal muscles. A marked depression in the activity of the dehydrogenases was noted as a result of the administration of aminazine.
(U)

Sum. 1345

LAKHNO. Ye. V.
CHAGOVETS, R.V., otvetstvennyy red.; VENDT, V.P., red.; *LAKHNO. Ye. V.*, red.;
RYBINA, A.A., red.; SNEZHIN, M.I., red, izd-va; MATVEYCHUK, A.A.,
tekhn.red.

[Vitamins] Vitaminy. Kiev. Vol.3. [Chemistry of vitamins; physiology
and biochemistry of vitamins] Khimiia vitaminov; fiziologiya i bio-
khimiia vitaminov. 1958. 210 p. (MIRA 11:3)

1. Akademiya nauk URSR, Kiyev. Instytut biokhimii. 2. Chlen-
korrespondent AN USSR. (for Chagovets)
(VITAMINS)

CHAGOVETS, R.V.; LAKHNO, Ye. V.; RYBINA, A.A.

Absorption of oxygen and activity of rabbits' brain and muscle tissue dehydrases when subjected to sodium evipan, aminazin, and during cooling. Farm. i toks. 21 no.1:50-53 Ja-F '58. (MIRA 11:4)

1. Institut biokhimii AN USSR.

(BARBITURATES, effects, hexobarbital

on metab. of rabbit brain & musc. tissue in vitro (Rus)

(CHLORPROMAZINE, effects

on metab. of rabbit brain & musc. tissue in vitro (Rus)

(BRAIN, metabolism, oxygen consumption & dehydrase

activity in vitro, eff. of hexobarbital, chlorpromazine & cooling (Rus)

(MUSCLES, metabolism, same)

(COLD, effects

cooling on oxygen consumption & dehydrase activity of rabbit brain & musc. (Rus)

CHAGOVETS, R.V., otv.red.; VENDT, V.P., red.; LAKHNO, Ye.Y., red.;
RYBINA, A.A., red.; GRUDZINSKAYA, O.S., red.izd-va; YURCHISHIN,
V.I., tekhn.red.

[Vitamins] Vitaminy. Kiev. Vol.4. [Problems in the biochemistry
and physiology of vitamins] Voprosy biokhimii i fiziologii vita-
minov. 1959. 234 p. (MIRA 13:10)

1. Akademiya nauk USSR, Kiev. Institut biokhimii. 2. Institut
biokhimii Akademii nauk USSR, Kiev. (for Vendt, Lakhno, Rybina).
(VITAMINS)

LAKHNO, Ye.V.

Activity of pyridine-containing dehydrogenases of the thyroid gland, testicles, and adrenal glands and its changes under hypothermic conditions. Vitaminy no.4:30-36 '59. (MIRA 12:9)

1. Institut biokhimii Akademii nauk USSR, Kiyev.
(DEHYDROGENASES) (ENDOCRINE GLANDS) (HYPOTHERMIA)

CHACOVETS, R. V., LAKHNO, E. V., MYBINA, A. A. and SHTUTMAN, Ts. M.

"Effect of a Load of Vitamins B, C and Nicotinic Acid on their
Content in the Tissues and Certain Aspects of Metabolism.

report submitted for the 5th Intl. Congress of Biochemistry, Moscow,
10-16 Aug 1961.

Inst. of Biochemistry, Acad. Sci. Ukr SSR, Kiev,

LAKHNO, Yu.V.; RYBINA, A.A. [Rybina, A.O.]

Nature of changes in dehydrase activity and thiamine metabolism during the recovery of animals from a state of hypothermia. Ukr. biokhim.zhur. 31 no.3:393-404 '59. (MIRA 12:9)

1. Institute of Biochemistry of the Academy of Sciences of the U.S.S.R., Kiev.
(DEHYDROGENASE) (THIAMINE) (HYPOTHERMIA)

~~LAKHNO, Yu.V.~~ [Lakhno, Ye.V.]; CHAGOVETS, R.V. [Chahovets', R.V.]; prinala
uchastiye Shestopalova, V.M.

Effect of cobalamine on dehydrogenase activity in tissues of rabbits
under normal conditions and in a state of hypothermia. Ukr.biokhim.
zhur. 31 no.5:691-699 '59. (MIRA 13:4)

1. Institute of Biochemistry of the Academy of Sciences of the
Ukrainian S.S.R., Kiev.

(CYANOCOBALAMINE) (PHENOTHIAZINE) (DEHYDROGENASES)

LAKHNO, YE. V., RYBINA, A. A., SHTUTMAN, TS. M., and CHAGOVETS, B. V.
(USSR)

"The Effect of Vitamin B₁, C and Nicotinic Acid Loading on the
Content of These Substances in the Tissues and on Certain Aspects
of Metabolism."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

RYBINA, A.A. [Rybina, A.O.]; LAKHNO, Ye.V. [Lakhno, IU.V.]

Distribution and reservation of thiamine and nicotinic acid
introduced into the organism. Ukr. biokhim. zhur. 33 no.1:46-56
'61. (MIRA 14:3)

1. Institute of Biochemistry of the Academy of Sciences of the
Ukrainian S.S.R., Kiyev.
(THIAMINE) (NICOTINIC ACID)

LAKHNO, Ye. V.,

"Some Problems of Thiamine and Nicotinic Acid Metabolism"

Report to be presented at Medical Society of J. E. PURKYNE, Czech,
Vitaminological Cong., Prague Czech., 3-6 Jun 63

25-11-1957. V.

LAKHNYUK, V., inzhener; SMOTROVA, V., inzhener.

Multiple purpose work organization in double wall mining. Mast.
ugl. 6 no.5:9-10 My '57. (MIRA 10:7)

1. Cheremkhovskaya normativno-issledovatel'skaya stantsiya.
(Coal mines and mining) (Mine management)

BELKIN, A.I.; LAKHONINA, M.V.

Effect of therapeutic doses of aminazine on the action of gonadotropic hormones; preliminary report. Vop.klin., patog. i lech. shiz. no.1:16-18 '64. (MIRA 18:5)

1. Otdel ekzogennykh nervno-psikhicheskikh rasstroystv (zav. otdelom - prof. D.D.Fedotcv) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhii Ministerstva zdravookhraneniya RSFSR.

LAKHOTKINA, N.N.

Compound treatment of tuberculous meningitis in children. *Pediatrics*
no.3:81 My-Je '55. (MLRA 8:10)
(MENINGES-- TUBERCULOSIS)

LAKHOTSKAYA, V.P.

SHLYAKHTOVA, N.F.; LAKHOTSKAYA, V.P.

Calculous pancreatitis. Klin.med., Moskva no.3:71-74 Me '50.
(GML 19:2)

1. Of the Hospital Therapeutic Clinic of the Naval Medical
Academy (Head of Department — Honored Worker in Science Prof.
N.I.Leporskiy, Active Member of the Academy of Medical Sciences
USSR).

L 22711-66 ENT(m)/EPF(n)-2/T/ENP(t) IJP(c) JD/JG/JXT(HS)
 ACC NR: AP6009070 SOURCE CODE: UR/0185/66/011/003/0293/0299

AUTHOR: Bilyy, Ya. M.; Vyshnevs'kyi, V. N.—Vishnevskiy, V. N.; Hnyy, R. H.—⁵³
 Gnyp, R. G.; ~~Lakhota'kyi, T. V.—Lakhotskiy, T. V.;~~ Pidzyraylo, M. S.—Pidzy-^B
 raylo, N. S.

ORG: L'vov State University im. I. Franko (L'vivs'kyi derzhuniversytet)

TITLE: Low-temperature x-ray luminescence of alkali halide single crystals with
 anion impurities ^{21 21 10}

SOURCE: Ukrayins'kyi fizychnyy zhurnal, v. 11, no. 3, 1966, 293-299

TOPIC TAGS: luminescence, luminescence center, luminescence spectrum, luminescent
 material, x-ray effect, impurity level, anion, optic transition

ABSTRACT: The authors have investigated the concentration dependence of x ray
 luminescence of single crystals of NaCl-I, NaCl-Br, KCl-I, and KCl-Br grown from
 the melt by the Kiropoulos method, at a temperature of 100K. The impurity-ion con-
 centration was 0.1, 1.0, 2, 5, 7, 10, 15, or 20% by weight in the melt. The spec-
 trum was measured with a spectrophotometric setup based on a monochromator from
 the SF-4 spectrophotometer. The samples were several orders of magnitude thicker
 than the depth of penetration of the exciting x-radiation. The measurements were
 made first at 100K and then at higher temperatures. The results show that at 100K

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ACC NR: AF6009070

at small impurity concentrations the x ray luminescence spectra of both crystals exhibit bands in the ultraviolet and in the visible region of the spectrum, due to transitions at the localized levels of the impurity. When the impurity concentration is increased, all x ray luminescent spectra acquire a band whose intensity is approximately proportional to the square of the impurity concentration; this band can apparently be regarded as the emission band of the paired ions of the impurity. The analysis of the spectra gives grounds for assuming that in most emission bands the core of the luminescent center is the impurity ion, which replaces the anion in the main substance. Orig. art. has: 4 figures. [02]

SUB CODE: 20/ SUBM DATE: 28 May 65/ ORIG REF: 003/ OTH REF: 013
ATD PRESS: 4229

Card 2/2

BK

LAKHOV, B.

Improve work organization of finance organs. Fin. SSSR 20
no.7:23-26 J1 '59. (MIRA 12:11)

1. Nachal'nik kantselyarii Ministerstva finansov SSSR.
(Finance)

LAKHOV, B.

Give more attention to workers' letters, applications and complaints.
Fin.SSSR 22 no.5:20-25 My '61. (MIRA 14:5)
(Finance)

LAHOV, B.; RUBINSHTEYN, S.

Control over the stock of equipment in construction. Fin. SSSR
23 no.9:47-52 S '62. (MIRA 15:9)
(Construction industry—Equipment and supplies)
(Banks and banking)

L 22835-66 EWT(l)/EWP(e)/EWP(m)/EWT(m)/T-2/EWP(t)/EWP(k)/EWA(h)/EWA(l)

ACC NR: AP6009320 JD SOURCE CODE: UR/0256/65/000/009/0050/0051

AUTHOR: Lakhov, V. I. (Lieutenant colonel, Candidate of technical sciences, Engineer)

ORG: None

TITLE: Cooling of generators

SOURCE: Vestnik protivovozdushnoy oborony, no. 9, 1965, 50-51

TOPIC TAGS: aircraft power equipment, electric generator

ABSTRACT: The present state of the art of cooling aircraft generators is reviewed in broad terms. It was emphasized that the application of commonly used cooling systems is practically impossible to the aircraft flying at transonic speeds greater than mach 2. The use of heat-resistant insulating materials rated for temperatures up to 600 C only partially improved the performance of generators. The operating ceiling for generators could be raised 10 km higher on condition, however, that the efficiency of generators will be lowered and the range of operating rotational speed will be limited. The method of rising the operating ceiling by means of decreasing electric-current and magnetic-flux densities caused a considerable increase in the generator weight. For instance, the increase in height from 17 to 21 km was accompanied by the

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ACC NR: AP6009320

increase in weight from 24 to 31 kg for a 12-kw generator. The use of an air-turbine unit for driving and cooling generators or of a central turbine ventilation system has certain advantages although there are still considerable difficulties in adjusting the turbine power to varying altitudes and temperatures. The possibility of using the so-called vortex tubes for separating the air in hot and cold flows was discussed. The gas dynamics and the radial distribution of temperatures (lower in the center and higher at the periphery) were briefly examined. The effectiveness of evaporative cooling obtained at the expense of a large consumption of spray water was also examined. On account of this high consumption (140 kg/hr for a 18-kw generator at a 15000-m altitude and a 2500-km/hr speed), the preference was given to the use of a regular air-water spray system. A reference to a generator manufactured in 1954-1956 by the "General Electric" was presented as an example of spraying a cooling liquid via the hollow shaft. The low cooling effect and the destruction of winding insulation by high-pressure sprays were mentioned. The most effective cooling was obtained by evaporation of thin films formed on the generator surfaces by centrifugal liquid sprays. A 12-kw generator with such a system of cooling had a size of a 9-kw generator. Its unit weight at 30 km was 3.7 kg/kw instead of 6.5 kg/kw for a generator with air cooling. The further development of cooling systems in connection with the use of porous materials was mentioned.

SUB CODE: 01,02 / SUBM DATE: None / ORIG REF: 000 / OPH REF: 000
2/2

ACC NR: AP6035861

(A)

SOURCE CODE: UR/0413/66/000/020/0072/0072

INVENTOR: Lakhov, V. I.; Vinokurov, V. A.; Koritskiy, A. V.

ORG: none

TITLE: Evaporative cooling system for electrical equipment. Class 21, No. 187135

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, n. . 20, 1966, 72

TOPIC TAGS: cooling, evaporative cooling, electric equipment ~~cooling system~~

ABSTRACT: An Author Certificate has been issued for an evaporative cooling system for electrical equipment. To avoid the necessity of supplying cooling agent to the equipment, the moving parts and various structural elements are made of porous metals, such as porous powder steels, saturated with a liquid cooling agent which evaporates during the equipment's operation, providing intensive and uniform short-term cooling.

SUB CODE: 09, 13/ SUBM DATE: 30Dec58/

Cord 1/1

UDC: 621.313.017.72

BEL'KEVICH, V.I.; VEN' E.Yu.; LAKHOVA, L.V.

Photoelectrical method to record the blood coagulation process.
Nov. med. tekhn. no.2:69-72 '64.

(MIRA 18:11)

ZEMTSOV, L. (Ufa); LAKHOVA, V. (Ufa)

We use hidden potentialities. Sov. torg. 36 no.11:29 N '62.
(MIRA 16:1)

1. Direktor Kirovskogo raypishchetorga (for Zentsov).
2. Nachal'nik planovogo otdela Korovskogo raypishchetorga (for Lakhova).

(Ufa--Grocery trade)

LAKHOZVYANSKAYA, R.G.
MAYANTS, A.D., LAKHOZVYANSKAYA, R.G.

Recovery of metals from waste solutions by means of ion exchange.
TSvet.met. 27 no.2:33-37 Mr-Ap '54. (MIRA 10:10)

1. Gintsvetmet. (Ion exchange) (Metals)

BUT, S.M.; LAKHOZVYANSKIY, I.G.

[Automatic electric welding with rivets in ship building and ship repair]
Avtomaticheskaya svarka elektrozaklepkami v sudostroenii i sudoremonte.
Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1953. 24 p. (MIRA 6:7)
(Ship building) (Electric welding)

REZER, Semen Moiseyevich; LAKHT, Anatoliy Viktorovich;
SHISHLYKOV, Ye.S., red.

[Coordinating railroad and automotive transportation work:
practice of the station of Sverdlovsk-Tovarnyy and the
Sverdlovsk Province Administration Board] Koordinatsii ra-
boty zheleznodorozhnogo i avtomobil'nogo transporta; opyt
stantsii Sverdlovsk-Tovarnyi i sverdlovskogo oblavtoup-
ravleniia. Moskva, Transport, 1965. 86 p. (MIRA 18:4)

LAKHTADYR', Ivan Semenovich, inzh.; ROZOV, Yu.M., inzh., retsenzent

[Transistorized control systems of d.c. drives] Sistemy upravleniya elektroprivodom postoiannogo toka na tranzistorakh. Kiev, Tekhnika, 1964. 121 p. (MIRA 17:11)

YANKOVSKIY, I.P.; SELYADNEV, V.M.; ZAYKOVSKIY, I.M.; DORSKIY, M.Ye.;
LAKHTANOV, A.F.; TERESHCHENKO, V., red.; STEPANOVA, N.,
tekhn.red.

[Introduction of automation in the construction industry of the
White Russian S.S.R.] Vnedrenie avtomatizatsii na predpriyatiyakh
stroitel'noi industrii Belorusskoi SSR. Minsk, Gos.izd-vo BSSR,
Red.proizvodstvennoi lit-ry, 1960. 56 p.

(MIRA 14:3)

1. Orgtekhstroi, trust, Minsk.
(White Russia--Construction industry) (Automation)

MININ, A.N., kand.tekhn.nauk; LAKHTANOV, A.G., kand.tekhn.nauk

Effect of the press-platen temperature on the physical and
mechanical properties of piezothermoplastids. Der.prom. 10
no.3:9-11 Mr '61. (MIRA 14:5)
(Wood, Compressed) (Power presses)

MININ, A.N., kand.tekhn.nauk; LAKHTANOV, A.G., kand.tekhn.nauk

Effect of the specific pressure, time and temperature of compression on the physicomachanical characteristics of piezochemical thermoplastics. Der.prom. 11 no.12:10-13 D
'62. (MIRA 16:1)

1. Belorusskiy tekhnologicheskii institut im. S.M.Kirova.
(Wood, Compréssed—Testing)

LAKHTANOV, G. S.

New methods of increasing the output of lumber Moskva, Goslesbumizdat, 1971. 11 p.

LAKHTANOV, A. G.

Lakhtanov, A. G.

"Basic Factors Affecting the Productivity of the Process of Sawing on a Frame Saw." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955 (Dissertation for the degree of Candidate in Technical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955

IAKHETANOV, A.G., kand.tekhn.nauk

Calculations of operating qualities based on the "technological"
rigidity of saws. Sbor.nauch.trud.BLTi no.10:310-313 '57.
(MIRA 11:12)

(Saws)

RATIN, N.A., kand. tekhn. nauk; ~~LAKHTANOV, A.G.,~~ kand. tekhn. nauk;
SERGEYEV, Ye.Ye., kand. tekhn. nauk

Standards for lumber requirements for wooden box container manufacture.
Der. prom. 8 no.10:10 O '59. (MIRA 12:12)

1. Belorusskiy lesotekhnicheskiy institut im. S.M. Kirova.
(Woodworking) (Box making)

MININ, A.N.; LAKHTANOV, A.G.

Effect of raw material moisture on the physical and mechanical properties of compressed wood manufactured by the piezothermal method. Der.prom. 9 no.9:14-15 S '60. (MIRA 13:9)

1. Belorusskiy lesotekhnicheskiy institut im. S.M.Kirova.
(Wood, Compressed)

IAKHTANOV, V.; POLUNICHEV, N.

Active distributors of the press. Zdrav. Belor. 5 no.2:75 F '59.
(MINSK--NEWSPAPER AND PERIODICAL CIRCULATION) (MIRA 12:7)

LAHTIKOV, P., kapitan 2 ranga, byvshiy komissar partizanskogo otryada,
deystvovavshego v Krymu.

Patriots. Sov. voyn 36 no.8:19 Ap '54. (MIRA 9:6)
(Sevastopol--World War, 1939-1945--Underground movements)

LAKHTIKOVA, M.D. (Moskva Ye-425, 7-ya Parkovaya ul., d.35, korp.4)

Arthoroplasty following intra-articular fracture in the
elbow region. Ortop., travm. i protez. no.8:63-65 '62.

(MIRA 17:10)

1. Iz 4-go Glavnogo upravleniya Ministerstva zdravookhraneniya
SSSR.

LAKHTIN, A. A.

"Design of Toroidal Lens Compensators in Heat Exchangers." Cand
Tech Sci, Ural Polytechnic Inst, Sverdlovsk, 1954. (RZhMekh, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions
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LAKHTIN, A.A.

PLATE I BOOK EXAMINATION 007/1131

Abstracts book 882. Dialectic material

Abstracts book 882. Dialectic material, Vol. 26 Moscow, 1958.

26 p. 2,400 copies printed.

Abstracts book 882. Dialectic material, Vol. 26 Moscow, 1958.

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